

**\*ARMY Declass/Release Instructions On File\***

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**TOP SECRET**Approved For Release 2001/08/31 : CIA RDP78S02149R000100060014-9  
\*ARMY Declass/Release Instructions On File\* Source of Data - DIA Assessment Studies  
\*\* Thousands of DollarsTAB A  
ARC LIGHT STRIKES\*  
(By Area Groupings)

17 June-15 November 1965

Name of Strike	Date	Coordinates	Mission Objective	No. Total	Results	Ground Follow-Up	Remarks
Grid Square ID				No. B-52			
Main Spar	13 Aug 65	YD165389	Suspected VC training and staging area to provide maximum disruption prior to ground exploitation by ARVN Forces.	30	1,820 13 RTS IPIR: 2 Bldgs dest, 1 damaged; 1 bunker dest; heavy concentration on target area.	Yes (14 Aug 0500 hrs)	MACV: Strike was a complete surprise resulting in reoccupation of Ba Long Valley. EST. 20 to 40 VC killed. Tremendous psychological impact resulting in 21 rallyers and 23 civilians returning to GVN control.
Paper Sack	8 Oct 65	YD515214	Priority mission against VC Mil/POL control Headquarters. Radio station and at least one VC Company.	6	380 Trenches and foxholes uncovered. Trucks seen on road.	Yes (3 day operation, 4 Bn ARVN 1st Division)	14 friendly wounded in this action. 14 VC KIA, and 7 VC captured. This strike was the result of a priority intelligence report and resulted in cancellation of a pre-planned mission and diversion of B-52s to this target.
<u>Grid Square BS</u>							See Birch Bark II below.
Birch Bark I (ARC LIGHT Zone Bravo)	1 Aug 65	BS120988	None Stated.	30	1,830 No damage to military items. Trees destroyed. No hits. AW AAA visible in areas. BDA photography good.	None	
Birch Bark II (ARC LIGHT Zone Bravo)	4 Aug 65	BS120988	None Stated	30	1,800 Same as Birch Bark I above.	None	These two missions dropped 2,872 bombs in an area approx. 9 square KM. Cost of these two missions was \$3,630,000.
Big Stag I (ARC LIGHT Zone Bravo)	4 Sep 65	BS119950	Strike scheduled in AIZ-B, where Gear Train I, II, and III strikes took place in late August. Target area was base area for elements of Mil Reg 55 Hq.	12	710 None	None	Center of mass coordinates indicate US I struck impact area of Birch Bark I and II - Center of Gear Train Impact is 10 KM removed.
Mountain Trail (ARC LIGHT Zone Bravo)	10 Sep 65	BS135998	Destroy suspected Comm site and related facilities.	30	1,870 Destroyed some underground tunnels which are apparently no longer in use by VC.	Yes (2 ARVN Co and 40 US Spec Force Personnel)	Center of mass of coordinates indicate strike was on fringe of impact area of three missions listed above. Conclusion is that VC abandoned staging center because of proximity of previous strikes and lured in an additional B-52 strike to expand effort without results. Dummy target was a communications facility constructed of bamboo.
Big Stag II (ARC LIGHT Zone Bravo)	20 Sep 65	BS100990	Bomb jungle area of traditional and well secured VC stronghold, and elements of Mil Reg 5 Hq.	6	380 19 new impact areas noted.	None	The fifth of a series of strikes within a 16 sq KM area in ARC LIGHT Zone Bravo. No significant damage to Military Targets noted in this series of missions.
Gear Train I	23 Aug 65	BS215989	Scheduled strike in Free Bomb Zone Bravo. No specific objective stated.	30	1,750 85% of bombs in target area. Located possible tunnel entrance in fenced off area.	None	Priority of target area unknown.
Gear Train II	28 Aug 65	BS237999	Same as Gear Train I.	9	550 125 impact areas in target and 47 outside target area.	None	Same as Gear Train I.
Gear Train III	31 Aug 65	BS249990		9	520 No item of military significance noted. Small foot trails cut.	None	Gear Train I, II, and III involved 48 B-52s. Produced no damage to known military targets. These strikes are typical of many ARC LIGHT missions in that consecutive strikes against the same target area are flown within a three to five day interval.
Sales Tax	24 Sep 65	BS529688	Attack suspected VC logistical area.	12	740 MACV reported no evidence of damage due to heavy forest cover.	Yes (2 ARVN Companies)	Ground sweep revealed no VC contact, equipment, or installations.
Tone Beat	26 Sep 65	BS465656	Attack reported VC logistical and storage facilities.	12	740 No damage assessment due to heavy forest except possible underground storage col. lapsed & bunker destroyed. Numerous facilities rotated in area.	None	This strike approx. 7 KM WSW of Sales Tax (24 Sep) impact zone.

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Low Hedge	1 Oct 65	BS478663	Attack reported VC logistic and storage facilities.	12	740	Damage to VC positions could not be assessed due to heavy wooded area, A trail, foot bridges, and a few underground installations reported.	None	This strike 3 days following Tone Beat was within 2 KM of previous strike and was between the Sales Tax/Tone Beat areas.
Water Ski IV	15 Oct 65	BS430820	Attack VC logistical staging base.	24	1,460	Not yet available.	Yes (2 Bn & 2 Cos on 2 day sweep-supported by Tac Air & 30 Helos.)	None
<u>Grid Square BR</u>								
Fox Den	16 Jul 65	BR275422	Disrupt VC Forces and facilities in area and to prevent possible ambush of major ground operation of opening route 19.	30	1,740	DIA: Identified AW positions and trench network. Trenches damaged but AW positions intact. MACV: Disruption of VC activity significant to success of ground operations by 6 ARVN Bn.	Yes (3 major task forces: est. 15 Bn)	Anticipated ambush did not occur. Strike apparently successful as target area had been scene of frequent ambush of friendly troops.
Door Hinge I	9 Oct 65	BR846535	Attack known VC staging area used against railroad and routes 1 and 19.	8	500	Door Hinge I: 223 bomb craters in target area. Possible underground installations and fox holes noted.	No direct follow-up reports on hand.	Possibility that target area contained 3 VC Regiments. Joint US ARVN Operation Concord made no VC contact.
Door Hinge II	9 Oct 65	BR846617	Same as Door Hinge I	8	500	AW positions, trenches, and training area noted. 26 personnel visible and 2 huts destroyed.	Same as above	Same as above
Door Hinge III	9 Oct 65	BR803614	Same as Door Hinge I	8	500	Portion of target area is a site with fox-holes, trenches, AW positions, and personnel. Some huts received bomb damage.	Same as above	Same as above
Night Migit II	20 Oct 65	BR710790	Attack VC logistic and training base.	6	380	Assessment not yet available.	Unknown	None
Night Migit IV	20 Oct 65	BR757030	Same as above	6	380	Same as above	Unknown	None
Night Migit V	20 Oct 65	BR720630	Same as above	6	380	Same as above	Unknown	None
<u>Grid Square Y3</u>								
Chain Saw	28 Jul 65	YS337719	Attack suspected VC troop concentration and base area.	30	1,810	DIA/AP-1: No activity.	Unknown	None
Hour Hand	22 Oct 65	YS310870	Unknown	24	1,490	None reported.	None	None
<u>Grid Square Y5</u>								
Top Spin I	16 Sep 65	XR495585	Disrupt VC training facility in Mangrove Swamp	12	740	MACV: Aerial observation difficult due to heavy canopy. One large and three small secondary explosions noted by US airborne observers.	Yes (2 Bn ARVN)	Ground exploitation of 1/3 of area discovered, 1,000 Kilo of rice and two large buildings destroyed.
Top Spin II	20 Sep 65	XR582570	Same as Top Spin I	9	550	Analysis of post strike photos hampered by heavy canopy. Only significant damage appeared to be secondary explosion.	None	Top Spin I and II have been only strikes against A1Z ECHO to date.

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## TAB A

## ARC LIGHT STRIKES\*

(By Area Groupings)

17 June-15 November 1965

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Name of Strike	Date	Coordinates	Mission Objective	No. Total	Cost	Results	Ground Follow-Up	Remarks
Cape Cod I	30 Oct 65	XR80850	Attack 520 VC District Company. Four rice depots, six training centers, two arms caches, work shop with ChiCom advisors & fifteen motor boats.	9	380	Unknown	ARVN was to conduct post strike operations with 3Bn.	Results not yet reported.
Cape Cod II	30 Oct 65	XR790860	Same as above.	9	550	Unknown		Same as above.
Cape Cod III	30 Oct 65	XR800870	Same as above.	6	370	Unknown		Same as above.
Cape Cod V	6 Nov 65	XR820920	Same as above.	12	740	Unknown	Unknown	Center of mass of impact area 7 KM removed from previous strikes.
<u>Grid Square NO</u>								
Flat Roof (ARC LIGHT Zone Charlie)	17 Sep 65	WQ385790	Attack Mangrove Swamp area to harass up to 3 VC bus and Eq Western Party Committee.	9	550	MACV: 5 blds destroyed. One secondary explosion complete post strike results uncertainable due to heavy canopy PHOTO REPORTS: No significant damage to military items.	None	This is the only ARC LIGHT mission conducted in Zone Charlie.
<u>Grid Square QR</u>								
Hard Rock (ARC LIGHT Zone Delta)	19 Sep 65	VR846122	Attack suspected VC training area and two VC Bns.	18	1,130	Photo: 80% of bombs on target area. Impact area not discernable due to water and marshlands.	None	This is only ARC LIGHT mission conducted in Zone Delta.
<u>Grid Square YT</u>								
Drum Fire I	4 Jul 65	YT170415	Maximum destruction of communications and staging facilities.	30	1,750	No items of military significance or interest seen or destroyed.	None	A VC tactical communications station in the area did not return to air after attack.
Drum Fire II	6 Jul 65	YT115380	Same as Drum Fire I	30	1,860	Same as Drum Fire I	None	Same as Drum Fire I
Sun Cove I	6 Sep 65	YT1139425	Attack suspected communication facilities and Eq Mil Zone 7.	30	1,840	Photo: 65% bombs in target. No military targets noted.	None	These missions were directed against the same area and the same type commo facility as Drum Fire I and II above.
Sun Cove II	15 Sep 65	YT145370	Same as above	9	550	Same as above.	None	Same as above.
Hose Reel I	26 Aug 65	YT034375	Attack suspected VC supply bases, ammo MRC plant, and a base camp for Mil Reg #7. Bn is War Zone Delta.	12	740	One tunnel and one bunker possibly destroyed. No military significant items noted in impact area.	None	Identified possible VC area 4 KM from center of mass of Hose Reel #3. Hose Reel #4 impacted 11 KM NNE of VC area identified in Hose Reel #3.
Hose Reel II	27 Aug 65	YT032376	Same as above.	12	680	Same as above.	None	Same as above.
Hose Reel III	28 Aug 65	YT055345	Same as above.	6	350	Same as above.	None	Same as above.
Hose Reel IV	31 Aug 65	YT040425	Same as above.	9	550	Same as above.	None	Same as above.
Dice Roll I	8 Nov 65	YT210380	Attack rice storage area and bn size base area.	18	1,120	Unknown	Unknown	Unknown
Dice Roll II	12 Nov 65	YT210430	Same as above.	12	740	Unknown	Unknown	Unknown
Ivory Task	15 Nov 65	YT250600	Unknown	18	1,130	Unknown	Unknown	Unknown

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## ARC LIGHT STRIKES\*

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17 June-15 November 1965

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Name of Strike	Date	Coordinates	Mission Objective	No. Total Cost	Results	Ground Follow-Up	Remarks
Grid Square XI							
Right Guard	7 Sep 65	XT713264	Strike against VC stores and training area 16 miles NW of Saigon.	12 740	At least 10 buildings damaged or destroyed. Destroyed 4 structures underground, entrances damaged, scattered rice and supplies. Exposed large quantities of rice bunkers and structures. Unconfirmed reports state two VC companies suffered casualties.	No	Exposure of supplies & facilities resulted in adjusted arty fire and tac air for several hours with good results. Mission considered very successful.
Long Rope	14 Sep 65	XT712265	Strike follow-up of Right Guard	30 1,870	Additional damage to supply bunkers and tunnels previously hit in Right Guard strike.	Name	Numerous foxholes and defensive positions identified in area. Since execution of Long Rope, 1,624 women & children refugees have fled from target area.
New Song I	21 Sep 65	XT685293	Attack VC logistical & storage areas - Identified as a result of the Right Guard and Long Rope missions.	18 1,130	Network of tunnels & bunkers destroyed. Exposed supplies.	Name	Following B-52 strike, Tac Air Missions and H&I Arty fire directed in area for several days.
New Song II	23 Sep 65	XT695265	Same as for New Song I	24 1,490	Additional destruction to targets identified in New Song I.	Name	Supplies damaged and destroyed with secondary explosions. Tac air and H&I Arty missions.
High Tide I (Iron Triangle V)	7 Oct 65	XT730243	Attack VC logistic & storage areas in same area as four previous strikes.	9 550	None stated	Name	High Tide I and II were two strikes separated by a 2 hour interval. No reports from ground follow-up pertaining to strike.
High Tide II (Iron Triangle VI)	8 Oct 65	XT710278	Same as above	9 550	267 bombs in target area & 96 outside.	Yes	Same as above.
Match Tip I	9 Oct 65	XT674208	Attack VC base camp about 15 miles NW of Saigon.	30 1,750	610 bombs in area, 53 bombs outside.	No	Extensive underground entrances to tunnels noted.
Match Tip II	13 Oct 65	XT670201	Same as Match Tip I	18 1,130	None reported	Yes (2 ARVN Bn)	One Bn of ARVN contacted a VC force, 50 VC killed. No damage to VC installations. US advisor reports strike based on translation error in original RWN report.
Big Ben I	1 Nov 65	XT499317	Attack province party committee, 2 VC Bn, Bn Tng center, 2 Ammo Storage Center, 2 medical storage areas, & a communications site.	12 740	Not available.	Scheduled results not available.	None
Big Ben II	1 Nov 65	XT497346	same as above.	18 1,130	Same as above.	Same as above.	Same as above.
Big Ben III	1 Nov 65	XT529329	Same as above.	12 740	Same as above.	Same as above.	Same as above.
Fast Race I	11 Nov 65	XT649546	Not available.	18 1,130	Not available.	Unknown	Not available.
Fast Race II	11 Nov 65	XT626566	Not available.	18 1,130	Not available.	Unknown	Not available.
Fast Race III	13 Nov 65	XT604555	Not available.	6 380	Not available.	Unknown	Not available.
Cat Paw I	13 Nov 65	XT653518	Not available.	6 380	Not available.	Unknown	Not available.

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Name of Strike	Date	Coordinates	Mission Objective	No. B-52	Total Cost	Results	Ground Follow-Up	Remarks
Cat Paw II	14 Nov 65	XTF21451	Not available.	3	190	Not available.	Unknown	Not available.
Cat Paw III	14 Nov 65	XT534434	Not available.	3	190	Not available.	Unknown	Not available.
Cat Paw IV	14 Nov 65	XT568438	Not available.	3	190	Not available.	Unknown	Not available.
Cat Paw V	14 Nov 65	XT609449	Not available.	6	380	Not available.	Unknown	Not available.
Cat Paw VI	14 Nov 65	XT590440	Not available.	6	380	Not available.	Unknown	Not available.
Arc Light I	17 Jun 65	XT650401	Disrupt enemy forces to prevent predicted attack.	30	1,710	Successful strike on VC complex of about bn size.	Yes	Recon team able to traverse area although 2 bn size ARVN attacks previously repulsed. Predicted VC attack did not occur.
Car Park III	21 Jul 65	XT645433	Provide max. disruption to major VC installations/facilities & personnel.	31	1,800	Strike in same areas as Arc Light I. Craters in trenches & trail network.	No	No measurable success.
Third Base (Ho Bo Woods - Binh Duong Prov)	2 Sep 65	XT636263	Max. effort strike against VC logistic and reconstitution center.	30	1,810	Bomb impacts on tunnels* foxholes, and trenches. GRU discovered 10 weapons and ammo dump exploded. Uniforms and equipment scattered. No enemy contact.	Yes	None
Fast Mail	12 Sep 65	XT580260	Follow-up of destruction inflicted by "Third Base" strike	18	1,130	Results reported are related to Third Base strike. MACV report states: 10 bunkers destroyed with 9 damaged; 2 tunnels collapsed with 11 probables; 2 tunnels destroyed, 18 damaged; 4 underground entrances. Supplies scattered.	No	Coordinates reported indicated strike approx. 7 KM off set from Third Base and other strikes vicinity of Ho Bo Woods - Ben Cat. Difficult to relate damage to other missions. Connection between Fast Mail and Third Base strikes is not clear from reported results.
White Stone	18 Oct 65	XT601288	Attack Tay Ninh bn, VC Base area, rice storage area, with trench and AAA positions.	24	1,490	No VC KIA or WIA in area.	Yes (3 co of ARVN)	10,000 documents, and one ChiCom weapon with ammo captured.
Oval Track	24 Oct 65	XT560310	Attack ammo storage area.	12	740	5 structures destroyed.	Yes	Results of ground follow up not available.
Far Star	27 Sep 65	XT459670	Attack suspected ammo storage area.	18	1,130	Five of many underground entrances damaged.	None	First strike in A1Z-Foxtrtr.
Oil Well	29 Sep 65	XT235639	Attack VC personnel & facilities within target area.	18	1,130	MACV: possible storage area destroyed. DIA: Foxholes & tunnels uncovered.	Yes (2 ARVN Co ARVN & 6 CIDG Cos)	No VC installations noted. One VC wounded, and two captured on two day follow-up opn.
Net Point	3 Oct 65	XT055650	Attack suspected VC training center and storage facilities.	18	1,130	No military activity noted or damage reported.	Yes (371 ARVN Troops W/S US Advisors)	Follow-up ground action: 1 VC wounded and two VC captured.
Strong Point I	4 Oct 65	XT310720	Attack reported VC training center and logistic base camp for bn size elements, 237 VC bn, VC Arty Regt, & base area. Training center has up to 2,000 troops per cycle.	15	930	No damage reported from Photo reports.	No	Centers of impact areas for these two strikes were 6 KM apart.
Strong Point II	6 Oct 65	XT354755	Same as above.	15	930	Same as above.	No	Same as above.
Fine Sand	28 Oct 65	XT430550	Attack one VC reg., 2 VC Bn, 3 VC Cos, and 3 rice storage areas.	18	1,130	Not available.	Yes. Not reported.	None

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